

# Converting Colors

Hex(3D0CF9)

Have a look what the booklet for  
Hex(3D0CF9) contains.

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# Color

**Hex(3D0CF9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D0CF9
RGB	61, 12, 249
RGB Percent	24%, 5%, 98%
CMY	0.7608, 0.9529, 0.0235
CMYK	0.76, 0.95, 0.00, 0.02
HSL	252°, 95%, 51%
HSV	252°, 95%, 98%
XYZ	19.1548, 8.0946, 90.1754
YIQ	53.6690, -46.8730, 84.0950

# Conversions

## Conversions Part 2

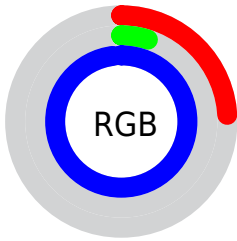
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 12, 249
Decimal	4001017
CIE <sub>Lab</sub>	34.18, 76.86, -101.30
CIE <sub>LCh</sub>	34, 127.158, 307.187
Yxy	8.0946, 0.1631, 0.0689
Android (android.graphics.Color)	4282191097 (0xFF3D0CF9)
YUV	53.6690, 96.2982, 6.4293
Hunter-Lab	28.4510, 70.3870, -168.0038

# Details

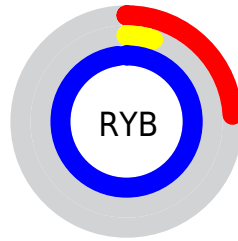
The Hex color **3D0CF9** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **C8F90C**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **8B4EFF**, and **0000BF** is the 20% darker color. If you saturate the color by 10%, you get **3300F9**, and if you desaturate by 10%, it is **5125F9**.

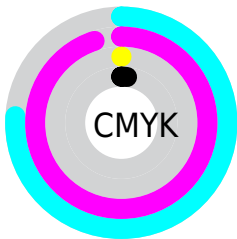
# Distribution



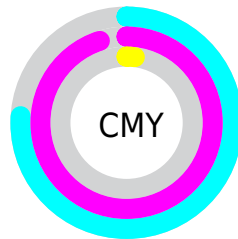
- Red (24%)
- Green (5%)
- Blue (98%)



- Red (24%)
- Yellow (5%)
- Blue (98%)



- Cyan (76%)
- Magenta (95%)
- Yellow (0%)
- Black (2%)



- Cyan (76%)
- Magenta (95%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D0CF9 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3D0CF9 by changing the saturation by 10% instead.



 3D0CF9

 3D0CF9

FFFFFF

 0000DC

 8B4EFF

 0000BF

 AD69FF

 0000A2

 CE85FF

 000087

 EEA1FF

 000D6C

 FFBDFE

 000B53

 FFDAFF

 00063B

 FFF7FF

 000224

 00000C

■ 3D0CF9

■ 3D0CF9

■ 3300F9

■ 5125F9

■ 653EF9

■ 7857F9

■ 8C70F9

■ A088F9

■ B4A1F9

■ C7BAF9

■ DBD3F9

■ EFECF9

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



005FFF



3D0CF9



CE00A2

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3D0CF9



9D1F00



006D68

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3D0CF9



C8F90C

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006A00



3D0CF9



4D5600

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3D0CF9



D50000



006600



0071CD

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3D0CF9



E9005F



006600



006C44



# Sweetspot

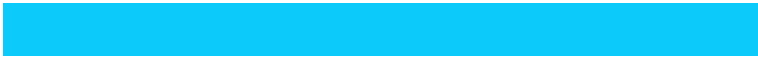
The Sweet Spot groups the original color and five complimentary colors.



3D0CF9



C4B5FF



0CCAF9



5C5380



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3D0CF9



3500FF



B20CF9



73707D



2700BD



0D003D



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F90CC8



FF00CA



53F90C



7D707A



BD0096

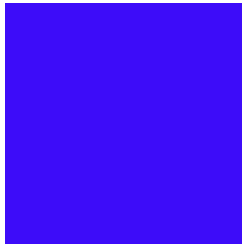


3D0031



# Previews

## White Background



This preview shows how the Hex color 3D0CF9 looks on a white background.

## Color Contrast Check

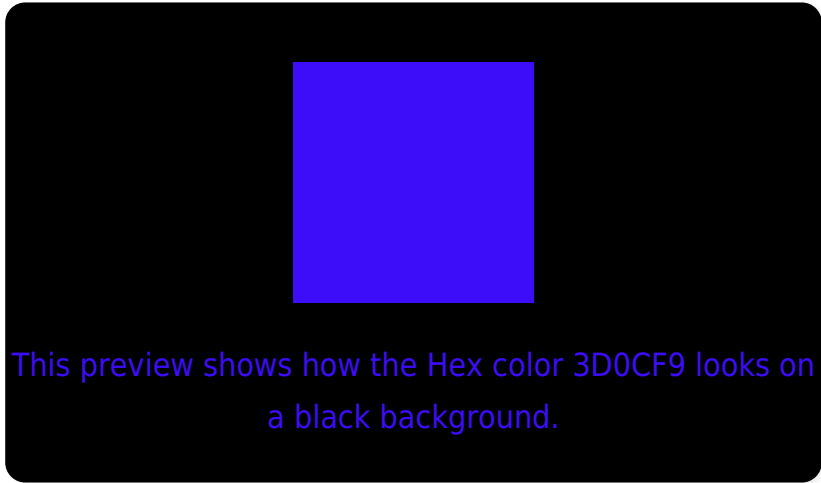
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

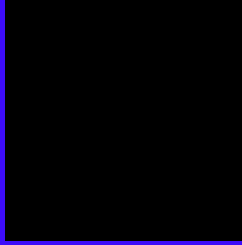
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3D0CF9 Background



This preview shows how black text looks on a background with the Hex color 3D0CF9.



This preview shows how white text looks on a background with the Hex color 3D0CF9.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



# Trichromacy



**Original Color**  
3D0CF9

**Protanomaly**  
1636C2

**Tritanomaly**  
163D96

# Monochromacy



**Original Color**  
3D0CF9

**Achromatopsia**  
363636

**Achromatomaly**  
39277D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D0CF9 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3D0CF9 looks like.

```
.text, #text, p{  
    color:#3D0CF9  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3D0CF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D0CF9
}
```

## Border

The CSS property to change the border of an element to Hex 3D0CF9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D0CF9 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3D0CF9 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3D0CF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D0CF9; -webkit-box-shadow:4px 4px  
4px 4px #3D0CF9; box-shadow:4px 4px 4px  
4px #3D0CF9 }
```

# Background

The CSS property to change the background color of an element to Hex 3D0CF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D0CF9 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3D0CF9 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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